



CRC® Rust Converter, 3.78 L

Safety Data Sheet

according to NOM-018-STPS-2015
Issue date: 3/3/2025 Version: 1.0

SECTION 1: Identification of the hazardous chemical or mixture and of the supplier or manufacturer

1.1. GHS product identifier

Trade name : CRC® Rust Converter, 3.78 L
Product code : 1751534

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Rust treatment

1.4. Supplier's details

Manufactured or sold by:

CRC Industries de Mexico S. de R. L. de C. V.
Cerrada Canadá 201-H
Fraccionamiento industrial Martel
Santa Catarina, NL 66367
Mexico
T 81-2139-0572

1.5. Emergency phone number

Emergency number : 01-800-681-9531 (Mexico) - 57 601 7942539 (Colombia)
24-Hour Emergency

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS MX classification

Skin corrosion/irritation Category 3 H316 Causes mild skin irritation.
Full text of H statements : see section 16

2.2. Label elements

GHS MX labelling

Signal word (GHS MX) : Warning
Hazard statements (GHS MX) : H316 - Causes mild skin irritation
Precautionary statements (GHS MX) : P332+P313 - If skin irritation occurs: Get medical advice/attention.
P501 - Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Water	Water	CAS-No.: 7732-18-5	65 - 85
2-Propenoic acid, 2-methyl-, methyl ester, polymer with chloroethene, 1,1-dichloroethene, 2-ethylhexyl 2-propenoate and 2-propenoic acid	2-Propenoic acid, 2-methyl-, methyl ester, polymer with chloroethene, 1,1-dichloroethene, 2-ethylhexyl 2-propenoate and 2-propenoic acid	CAS-No.: 125249-22-1	10 - 30
Tannic acid	Tannic acid	CAS-No.: 1401-55-4	1 - 5
2-butoxyethanol; ethylene glycol monobutyl ether	2-Butoxyethanol ; Ethylene glycol monobutyl ether	CAS-No.: 111-76-2	< 1

Comments : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: Prolonged inhalation may be harmful.
Symptoms/effects after skin contact	: Causes mild skin irritation.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen chloride and possibly phosgene.

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5.3. Special protective actions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Measures to be taken in case of accidental spillage or accidental leakage

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Stop leak, if possible without risk. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.
- Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. For product usage instructions, see the product label.
- Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Store in a cool, dry place out of direct sunlight.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Mexico - Occupational Exposure Limits	
Local name	2-Butoxietanol
OEL TWA	20 ppm
Remark (MX)	Irritación del tracto respiratorio superior y ojos; A3 (Carcinógeno confirmado en animales con desconocimiento relevante para humanos El agente es carcinógeno en animales de experimentación a dosis relativamente altas por vías de administración en sitios o tipos histológicos o por mecanismos que no son considerados relevantes para el personal ocupacionalmente expuesto. Los estudios epidemiológicos disponibles no confirman un aumento en el riesgo de cáncer en humanos expuestos. La evidencia sugiere que no es probable que el agente cause cáncer en humanos excepto bajo vías o niveles de exposición poco comunes e improbables); IBE (Índice Biológico de Exposición recomendados por sustancia química)
Regulatory reference	NOM-010-STPS-2014
Mexico - Biological Exposure Indices	
Local name	2- BUTOXIETANOL
BEI	200 mg/g Creatinin Parámetro: Acido butoxiacetico (BAA) - Medio: orina - Tiempo de muestreo: Muestra de Exposición al final del turno de trabajo
Regulatory reference	NOM-07-SSA1-2011

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Wear recommended personal protective equipment.
Hand protection : Wear protective gloves such as: Nitrile
Eye protection : Safety glasses with side shields
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Milky white
Odor : Glue-like
Odor threshold : No data available
pH : 2.5 – 3.5
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available
Flash point : None
Evaporation rate : Slow
Flammability (solid, gas) : No data available

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Explosion limits	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: < 1 (air=1)
Relative density	: 1.11
Solubility	: Water: Miscible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Molecular mass	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)

LD50 oral	1746 mg/kg body weight
LD50 dermal	435 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	2200 mg/l

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ATE MX (dermal)	435 mg/kg body weight
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Water (7732-18-5)

LD50 oral	> 90000 mg/kg body weight
LD50 oral rat	90000 mg/kg
LD50 dermal	> 90000 mg/kg body weight
ATE MX (oral)	90000 mg/kg body weight

Tannic acid (1401-55-4)

LD50 oral rat	2260 mg/kg Source: NLM;ChemIDplus,RTECS
ATE MX (oral)	2260 mg/kg body weight

Skin corrosion/irritation : Causes mild skin irritation.
pH: 2.5 – 3.5

Water (7732-18-5)

pH	7
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Serious eye damage/irritation : Not classified
pH: 2.5 – 3.5

Water (7732-18-5)

pH	7
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Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Tannic acid (1401-55-4)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.
Symptoms/effects after skin contact : Causes mild skin irritation.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : None under normal conditions.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)

LC50 - Fish [1]	1474 mg/l Source: ECHA
EC50 - Crustacea [1]	1800 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	1550 mg/l waterflea
EC50 72h - Algae [1]	911 mg/l Source: ECHA

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2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
NOEC chronic fish	≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Tannic acid (1401-55-4)	
LC50 - Fish [1]	37 mg/l Source: ECOSAR
EC50 - Other aquatic organisms [1]	29 mg/l Test organisms (species): other aquatic mollusc:
EC50 96h - Algae [1]	105.05 mg/l Source: ECOSAR

12.2. Persistence and degradability

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Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Partition coefficient n-octanol/water (Log Pow)	0.81 Source: ECHA
Water (7732-18-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.38

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Regional waste regulation	: Dispose of contents/container in accordance with local/regional/national regulations.
Additional information	: Do not re-use empty containers.
Sewage disposal recommendations	: Disposal must be done according to official regulations. Do not allow to enter sewers, surface or groundwater.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with NOM / IMDG / IATA

NOM	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated.	Not regulated.	Not regulated.

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NOM	IMDG	IATA
14.3. Transport hazard class(es)		
Not regulated.	Not regulated.	Not regulated.
14.4. Packing group		
Not regulated.	Not regulated.	Not regulated.
14.5. Environmental hazards		
No supplementary information available		

14.6. Special precautions for user

NOM

Not regulated.

:

IMDG

Not regulated.

:

IATA

Not regulated.

:

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2):

Listed in the INSQ (National Inventory of Chemical Substances)

Water (7732-18-5):

Listed in the INSQ (National Inventory of Chemical Substances)

Tannic acid (1401-55-4):

Listed in the INSQ (National Inventory of Chemical Substances)

SECTION 16: Other information including those related to the preparation and updating of safety data sheets

Other information CRC# 691B/1002735
Author Angelina Cibulskis

Issue date : 3/3/2025

Full text of hazard classes and H-statements

H316	Causes mild skin irritation
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Safety Data Sheet (SDS), Mexico, CRC

This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied.

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